

SOUTH DAKOTA

Science and Engineering Profile

	S. Dakota	U.S.	Rank		S. Dakota	U.S.	Rank
Doctoral scientists, 1993	975	430,332	50	Total R&D performance, 1993 (millions)	\$58	\$161,427	51
Doctoral engineers, 1993	81	81,293	51	Industry R&D, 1993 (millions)	\$22	\$117,622	47
S&E doctorates awarded, 1993	20	25,409	50	Academic R&D, 1993 (millions)	\$22	\$19,489	51
of which, in life sciences	40%	24%		of which, in life sciences	62%	55%	
in environmental sciences	15%	3%		in environmental sciences	14%	7%	
in psychology	15%	13%		in engineering	11%	16%	
S&E postdoctorates, 1993				Higher education current-fund			
in doctorate-granting institutions	10	34,394	50	expenditures, 1993 (millions)	\$303	\$163,994	50
S&E graduate students, 1993				Number of SBIR awards, 1990-93	1	13,995	51
in doctorate-granting institutions	1,250	438,128	45	Patents issued to state residents, 1994	44	56,039	49
Population, 1994 (000s)	721	260,341	45	Gross state product, 1992 (billions)	\$15.1	\$5,994.1	47
Civilian labor force, 1994 (000s)	374	131,013	46	of which, agriculture	13%	2%	
Personal income per capita, 1994	\$19,577	\$21,809	36	manufacturing, mining, construction	14%	23%	
Federal spending				transportation, communication, utilities	8%	9%	
Total expenditures 1994 (millions)	\$3,814	\$1,284,896	48	wholesale and retail trade	17%	16%	
R&D obligations 1993 (millions)	\$27	\$65,394	51	finance, insurance, real estate	22%	18%	
				services	15%	20%	
				government	13%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Federal Obligations for Research and Development in South Dakota by Agency and Performer: Fiscal Year 1993

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	26,896	13,236	0	3,363	8,403	1,202	692	51
Department of Agriculture	5,237	2,138	0	0	3,099	0	0	47
Department of Commerce	24	0	0	24	0	0	0	44
Department of Defense	1,453	406	0	994	53	0	0	51
Department of Energy	21	0	0	0	21	0	0	51
Dept. of Health & Human Services	2,894	891	0	166	472	1,202	163	49
Department of the Interior	7,841	5,487	0	1,962	392	0	0	26
Department of Transportation	529	0	0	0	0	0	529	48
Environmental Protection Agency	259	0	0	0	259	0	0	46
Nat'l Aeronautics & Space Admin.	5,244	4,314	0	217	713	0	0	35
National Science Foundation	3,394	0	0	0	3,394	0	0	48
State rank	51	46	na	49	51	48	51	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

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